



**CONNECTORS**

**POWER CONTACTS**



✓ Active

TE CONNECTIVITY (TE)

## UNIV POWER REC CONT L/P

Power Double Lock | AMP Universal Power

175155-1

TE Internal Number: 175155-1

EU RoHS Compliant

EU ELV Compliant

**Connector System** Wire-to-Wire

**Product Type** Contact

**Operating Voltage (VAC)** 300, 50

**Circuit Application** Power

**Wire/Cable Size (AWG)** 26 – 22

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **REC CONTACT AMP UNIVERSAL POWER CONN.**

PDF (TIFF AVAILABLE)

English

CAD Files

#### **3D PDF**

PDF

3D

#### **Customer View Model**

2D\_DXF.ZIP

English

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

### AMP Universal Power Connector

PDF

Japanese

### AMP Universal Power Connector

TIF

Japanese

Application Specification

### Crimping Of Universal Power Contact

TIF

Japanese

### Crimping Of Universal Power Contact

PDF

English

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Instruction Sheets

Instruction Sheet (non U.S.)

### Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

TIF

Japanese

### Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

PDF

English

### Extraction Tool For UP(913923-1)

TIF

English

### Extraction Tool For UP(913923-1)

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**Connector System** Wire-to-Wire

**Product Type** Contact

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#### Electrical Characteristics

**Operating Voltage (VAC)** 300, 50

**Insulation Resistance** 1000

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#### Contact Features

**Contact Type** Socket

**Contact Base Material** Copper Alloy

**Contact Mating Area Plating Material** Pre-Tin

**Contact Mating Area Plating Thickness** .8  $\mu\text{m}$  [ 31.49  $\mu\text{in}$  ]

**Contact Termination Area Plating Material** Pre-Tin

**Contact Termination Area Plating Thickness** .8  $\mu\text{m}$  [ 31.49  $\mu\text{in}$  ]

**Contact Crimp Area Plating Material** Pre-Tin

**Crimp Area Plating Thickness ( $\mu\text{m}$ )** .8

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#### Termination Features

**Wire/Cable Size (AWG)** 26 – 22

**Wire/Cable Size (mm<sup>2</sup>)** .12 – .35

**Termination Type** Crimp

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#### Mechanical Attachment

**Contact Retention in Housing** With

**Contact Retention in Housing Type** Locking Lance

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#### Dimensions

**Accepts Wire Insulation Diameter Range** 1.2 – 2 mm [ .047 – .079 in ]

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#### Operation/Application

**Circuit Application** Power

**Operating Temperature Range** -30 – 105 °C [ -22 – 221 °F ]

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#### Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire

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#### Packaging Features

**Packaging Method** Bag/Box

**Packaging Quantity** 1000

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#### Other

**For Multiple Crimp** No

**For Use With** Plug Housing

**Wire Type** Stranded

**Wire/Cable Type** Discrete Wire

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#### Statement of Compliance

